

# ***LIQUID CRYSTAL DISPLAY DEVICE***

## **Abstract of Disclosure**

A liquid crystal display drive circuit includes capacitance predicting section for predicting a capacitance value each pixel will reach at one refresh cycle later when applying a predetermined voltage for targeted brightness, a frame buffer for storing the predicted capacitance value, and overdrive voltage calculating section for calculating a voltage to be applied to each pixel based on targeted brightness at one refresh cycle later and the stored capacitance value in frame buffer.

APP ID=10063918

## Figures

Figure 1: A line graph showing the relationship between the number of people in a household and the number of people in a household. The x-axis is labeled 'Number of people in a household' and ranges from 0 to 10. The y-axis is labeled 'Number of people in a household' and ranges from 0 to 10. The graph shows a positive linear relationship, with the line passing through the origin (0,0) and the point (10,10). The line is labeled 'y = x'.